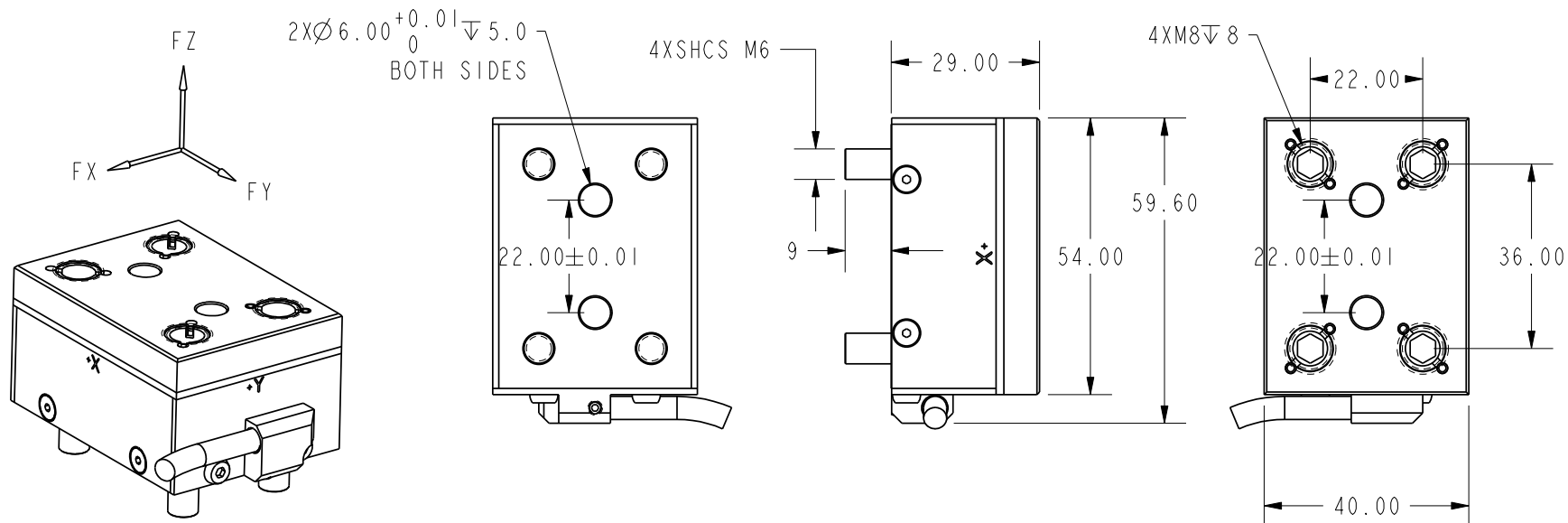




ALL CHANNELS ARE STRUCTURALLY DECOUPLED
NO DECOUPLING ALGORITHM REQUIRED
STANDARD DATA ACQUISITION SYSTEM CAN BE USED

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N)	20,000	20000	35000	NA	NA	NA
OUTPUT (mV/V)	2.3	2.3	0.8	NA	NA	NA
BRIDGE RES. (Ω)	350	350	350	NA	NA	NA

WIRING CODE - TWISTED PAIR WIRES

Fx		Fy		Fz	
COLOR	FUNCTION	COLOR	FUNCTION	COLOR	FUNCTION
RED(BLACK)	+EXC.	RED(BROWN)	+EXC.	ORANGE(BLACK)	+EXC.
BLACK(RED)	-EXC.	BROWN(RED)	-EXC.	BLACK(ORANGE)	-EXC.
YELLOW(BROWN)	+SIG.	BLUE(BROWN)	+SIG.	YELLOW(BLACK)	+SIG.
BROWN(YELLOW)	-SIG.	BROWN(BLUE)	-SIG.	BLACK(YELLOW)	-SIG.

SPECIFICATIONS

EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
CROSSTALK (%F.S.)	5.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.31

SUNRISE INSTRUMENTS

www.srisensor.com

THREE AXIS SQUARE LOAD CELL
FX20KN, FZ35KN CAPACITY

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3159A

REV.
A